

PARTS CATALOG

FOR

^{in pa}
ONAN AH-AC SERIES
ELECTRIC GENERATING PLANTS

50 & 60 CYCLE

SPECIFICATIONS

K-L-M

I.W.ONAN & SONS INC. MINNEAPOLIS 14. MINN.

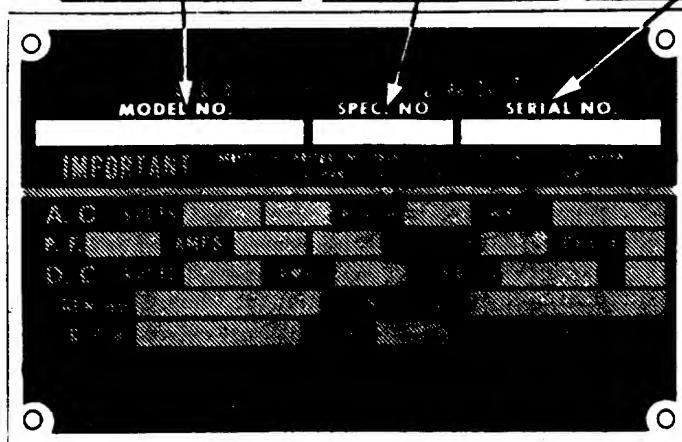
INSTRUCTIONS FOR ORDERING REPAIR PARTS

FOR PARTS OR SERVICE, CONTACT THE DEALER FROM WHOM YOU PURCHASED THIS EQUIPMENT OR REFER TO YOUR NEAREST AUTHORIZED SERVICE STATION.

TO AVOID ERRORS OR DELAY IN FILLING YOUR PARTS ORDER, PLEASE FURNISH ALL INFORMATION REQUESTED.

REFER TO THE NAMEPLATE ON YOUR PLANT

1. Always give the Model No. -----, Spec. No. -----, and Serial No. -----,



2. Order only parts that have a quantity shown under the "Parts Reference Letter" that applies to your plant. These letters are listed under "Quantity Used" in the parts list. "Parts Reference Letters" are given in the Data Table on Page 1.
3. Do not order by reference number or group number, use part number and description.
4. Give the part number, description and quantity needed of each item. If an old part cannot be identified, return the part prepaid to your dealer or nearest AUTHORIZED SERVICE STATION. Print your name and address plainly on the package. Write a letter to the same address stating the reason for returning the part.
5. State definite shipping instructions.

Any claim for loss or damage to your unit in transit should be filed promptly against the transportation company making the delivery. Shipments are complete unless the packing list indicates items are back ordered.

Prices in this catalog should be considered as approximate, for estimating purposes. For current prices write, specifying part numbers.

ALL PARTS PRICES ARE F.O.B. FACTORY AND SUBJECT TO CHANGE WITHOUT NOTICE.

(TODOS LOS PRECIOS DE LOS REPUESTOS SE ENTIENDEN F.O.B. FABRICA Y SON SUJETOS A CAMBIO SIN PREVIO AVISO.)

1

AH-AC SERIES

PARTS CATALOG

This parts catalog applies specifically to the AH Series generating plants of the standard models and SPECIFICATION designations as shown in the Plant Data Table. For generating plants which carry a different SPEC. designation on the nameplate, use the parts list as a general guide in selecting the necessary parts. Be sure to furnish the Model, Spec., and Serial No. of the plant.

The parts Reference Letters A, B, C, and D in the last column of the Plant Data Table refer to corresponding columns under "Quantity Used" in the Parts List. To determine which column applies to your plant, proceed as follows.

1. Compare the model of your plant and its nameplate data, (watts, volts, and cycles) with the Data Table.
2. Select the line in the table which agrees with your plant. Use the Parts Reference Letter for this line.
3. The Parts Reference Letter for this line indicates which column (A, B, C, or D) in the Parts List applies to your plant. Only parts which have a quantity shown in this column apply to your plant.

When a serial number is referred to in a part description, check it against the serial number on the plant nameplate, using only the numbers after the dash or letter.

PLANT DATA TABLE

PLANT DESIGNATION		TYPE* OF PLANT	ELECTRICAL OUTPUT			PARTS REF. LETTER
MODEL NUMBER	SPEC.		WATTS	VOLTS	CYCLES	
03AH-51M, 03AH-52M	1K,1L,1M	MANUAL	300	115 or 230	50	A
03AH-51R, 03AH-52R	1K,1L,1M	REMOTE CONTROL	300	115 or 230	50	B
04AH-1M, 04AH-2M	1K,1L,1M	MANUAL	400	115 or 230	60	A
04AH-1R, 04AH-2R	1K,1L,1M	REMOTE CONTROL	400	115 or 230	60	B
05AH-51M, 05AH-52M	1K,1L,1M	MANUAL	500	115 or 230	50	C
05AH-51R, 05AH-52R	1K,1L,1M	REMOTE CONTROL	500	115 or 230	50	D
07AH-1M, 07AH-2M	1K,1L,1M	MANUAL	750	115 or 230	60	C
07AH-1R, 07AH-2R	1K,1L,1M	REMOTE CONTROL	750	115 or 230	60	D

* Manual type plants are designed for portable service. The manual type plant can be started only by cranking with the pull rope.

Remote control type plants are designed for permanent, or stationary, installations. The remote control plant may be connected to batteries for electrical starting. Extra start-stop switches, or automatic control equipment may be connected to the plant.

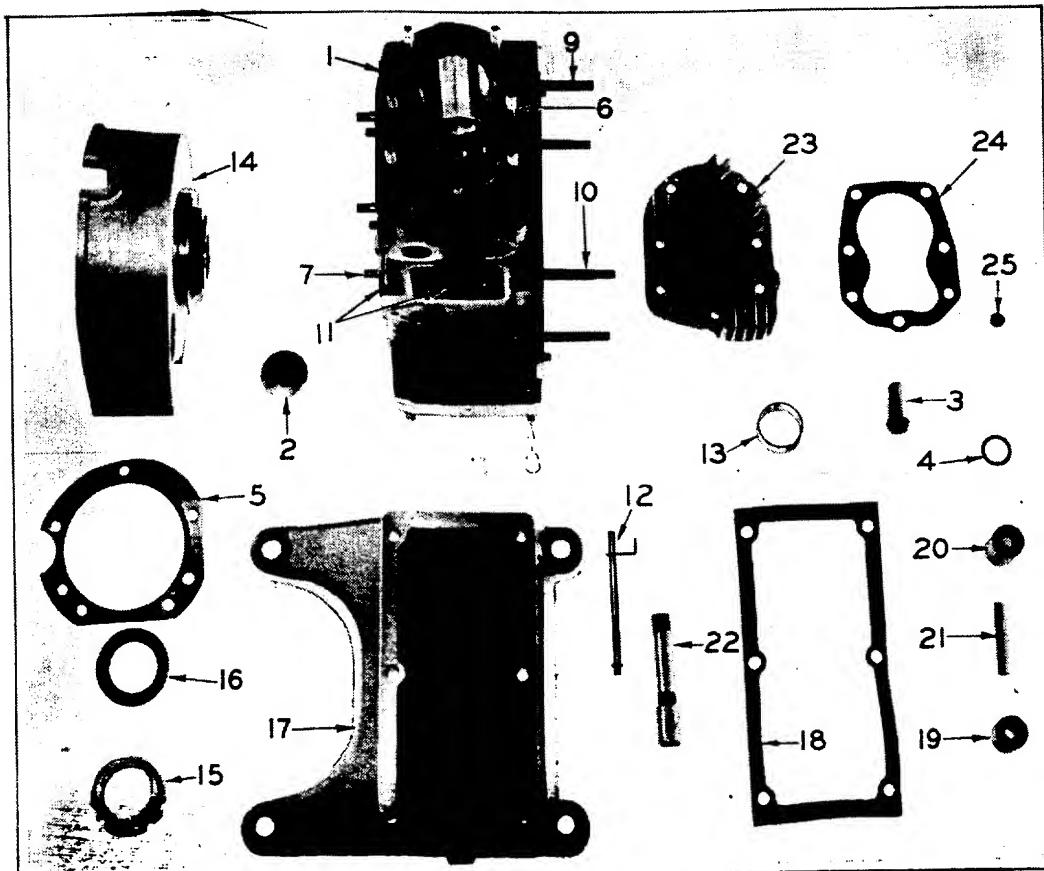


FIG. 1 - CRANKCASE AND OIL BASE GROUP

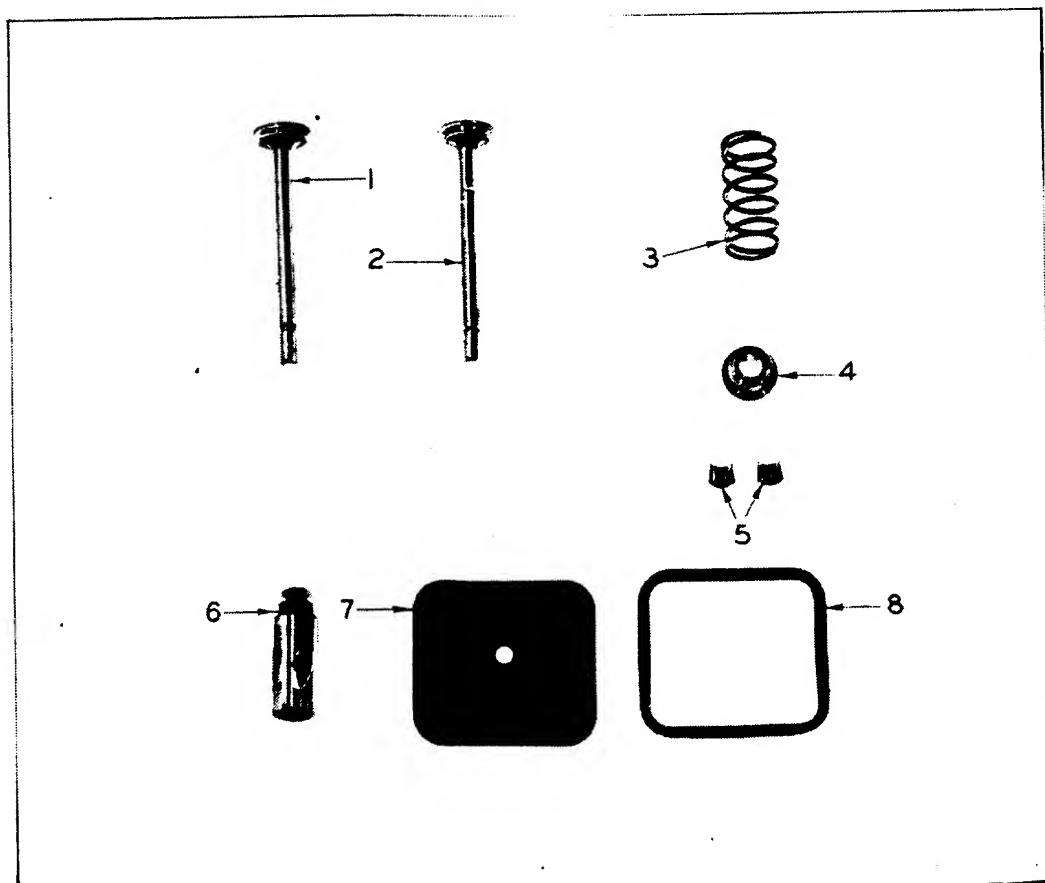


FIG. 2 - VALVE GROUP

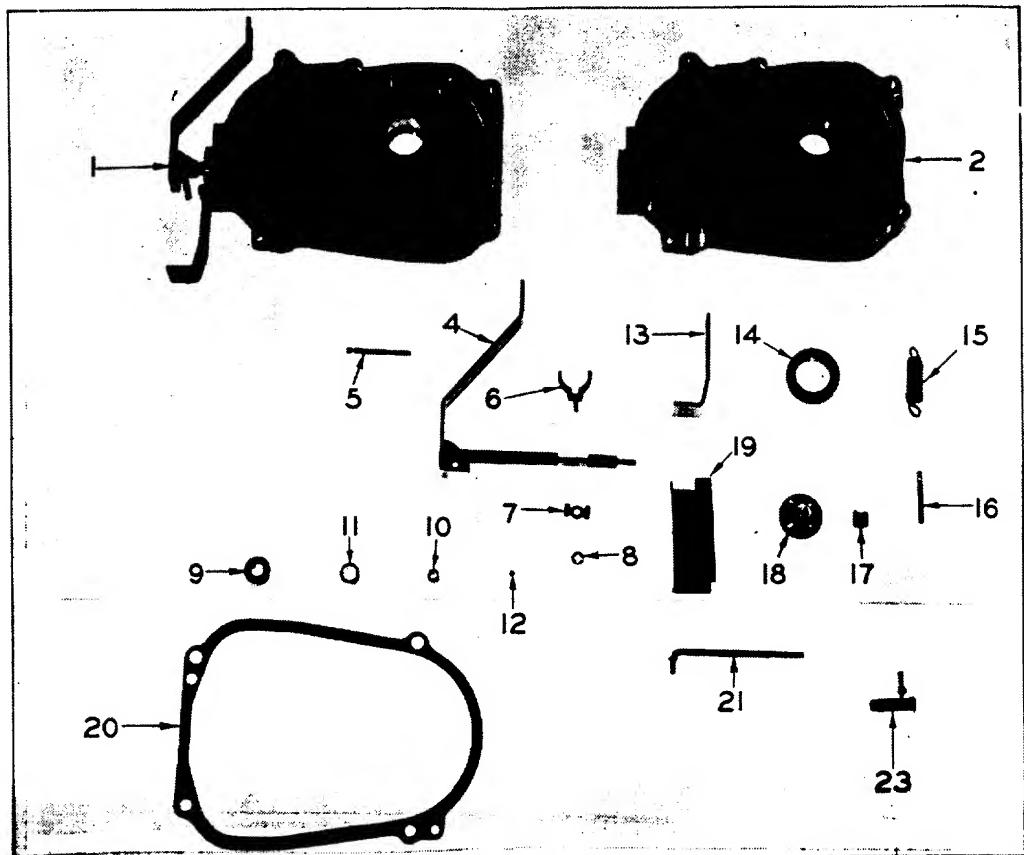


FIG. 3 - GEAR COVER GROUP

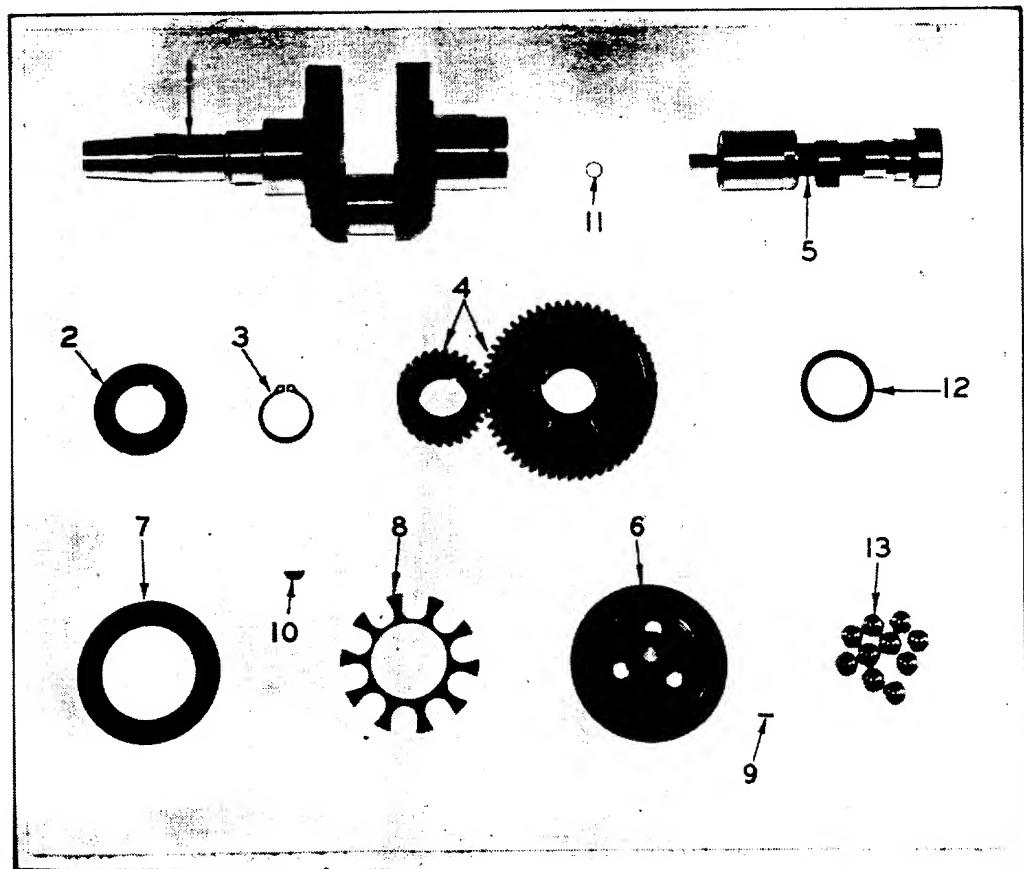


FIG. 4 - CRANKSHAFT AND CAMSHAFT GROUP

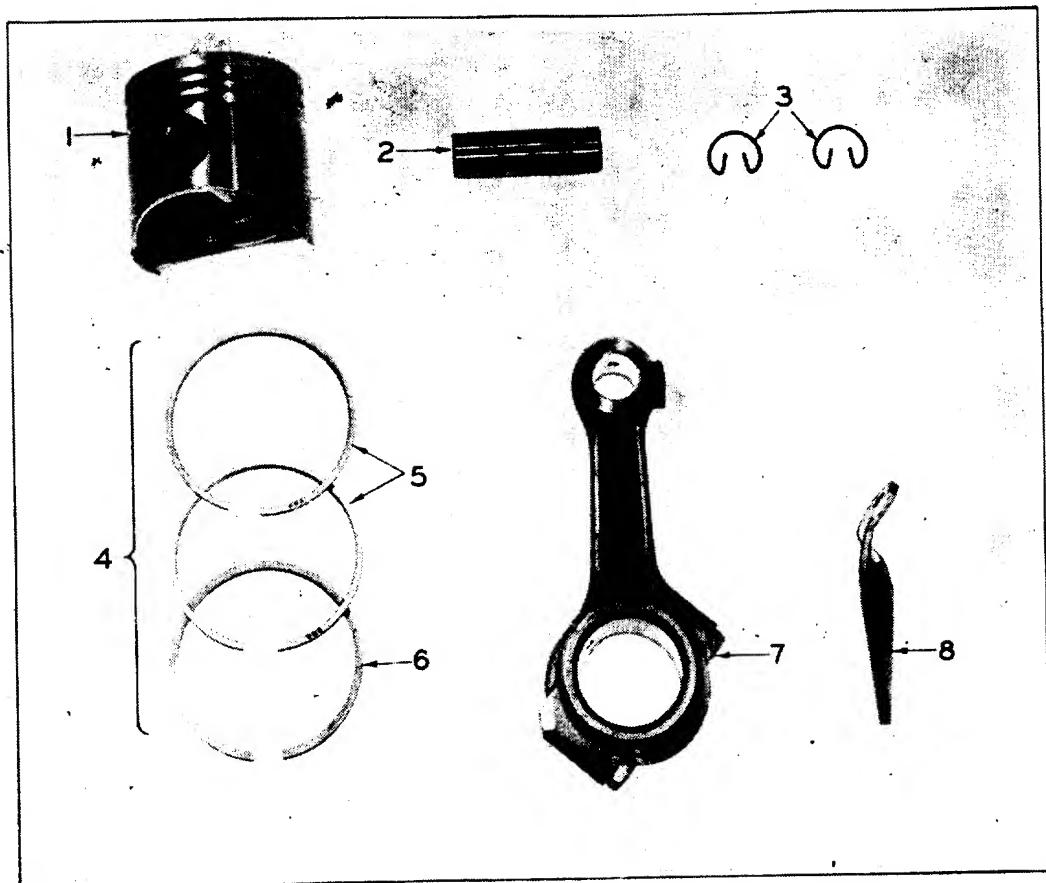


FIG. 5 - PISTON AND CONNECTING ROD GROUP

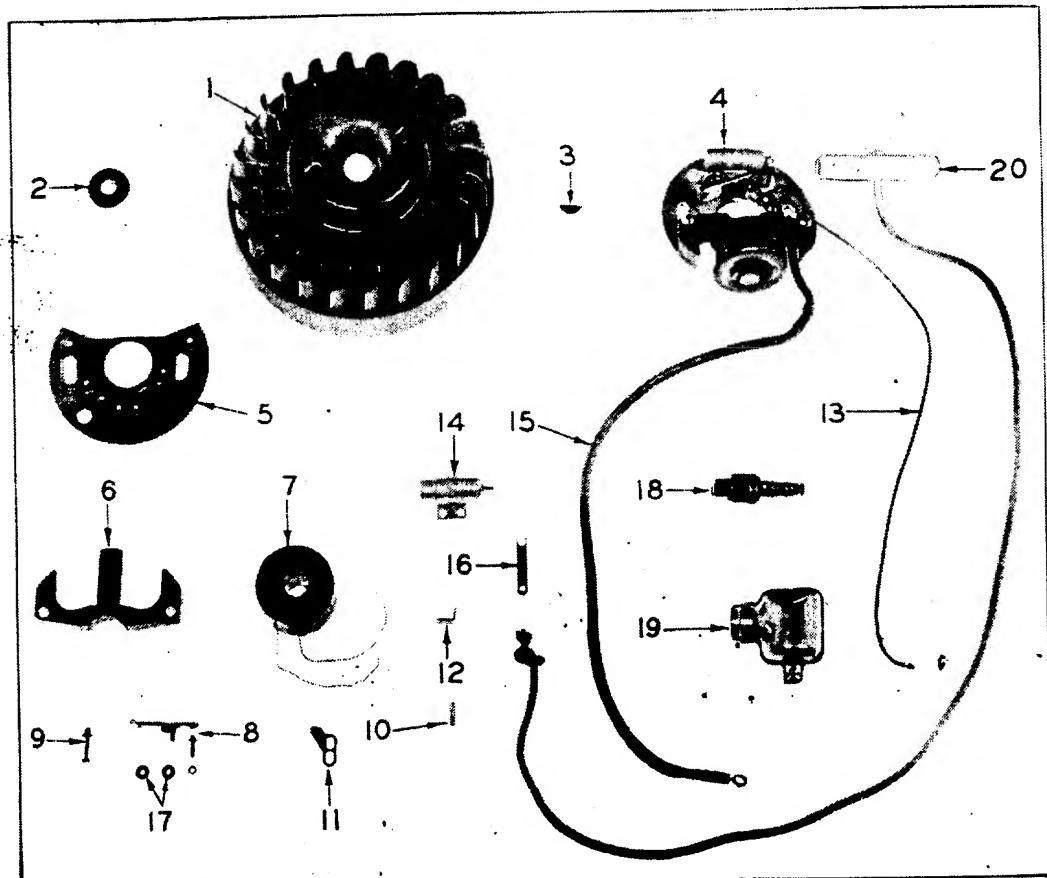


FIG. 6 - MAGNETO GROUP

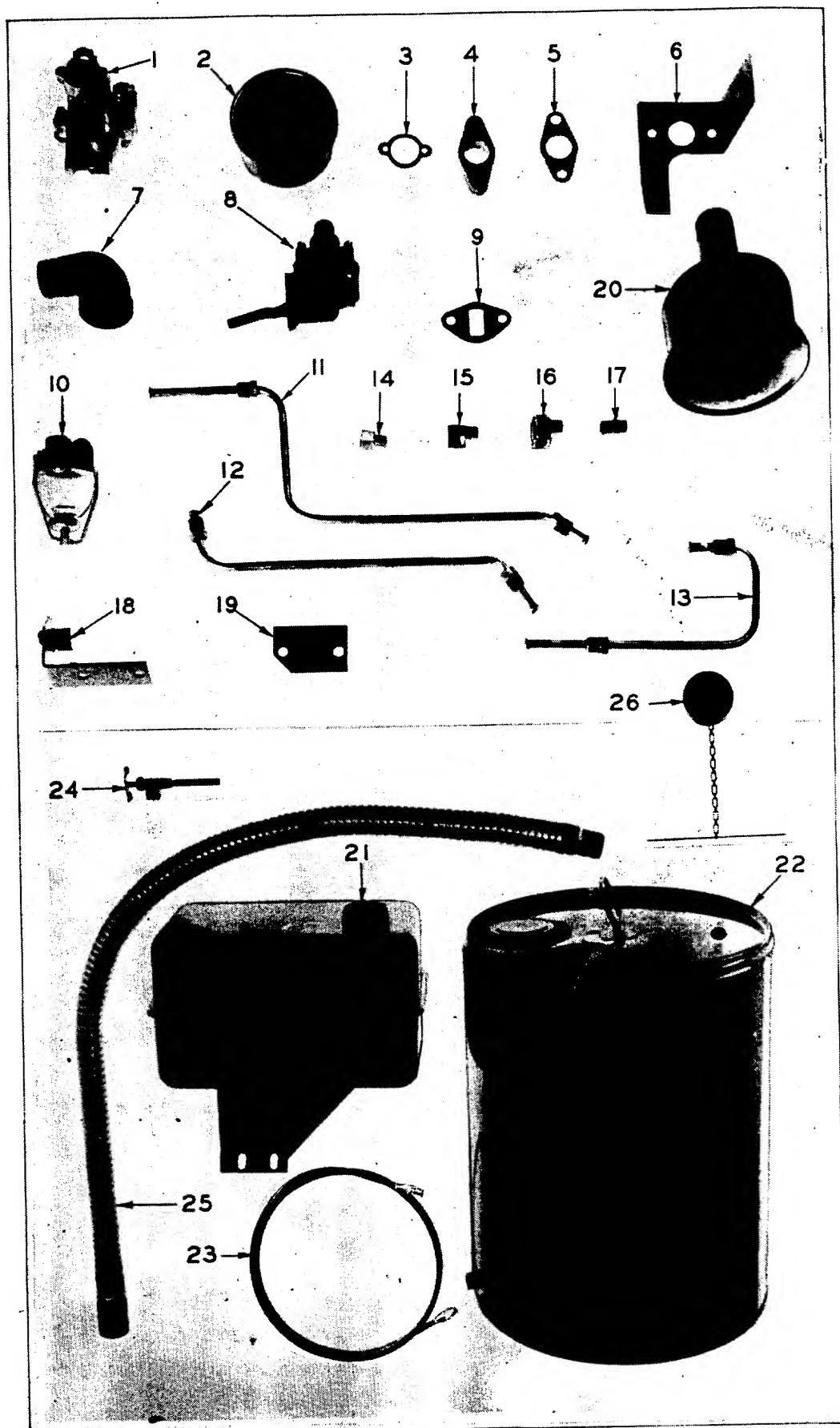


FIG. 7 - FUEL GROUP

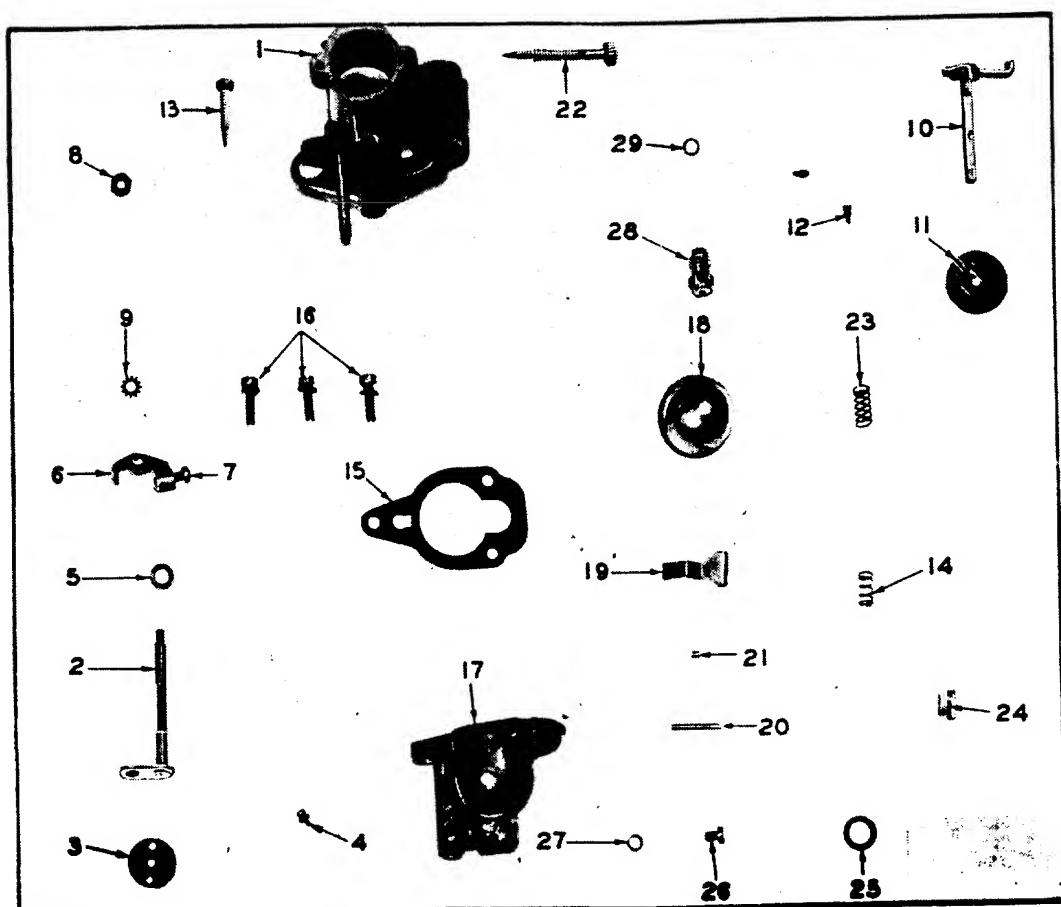


FIG. 8 - CARBURETOR GROUP

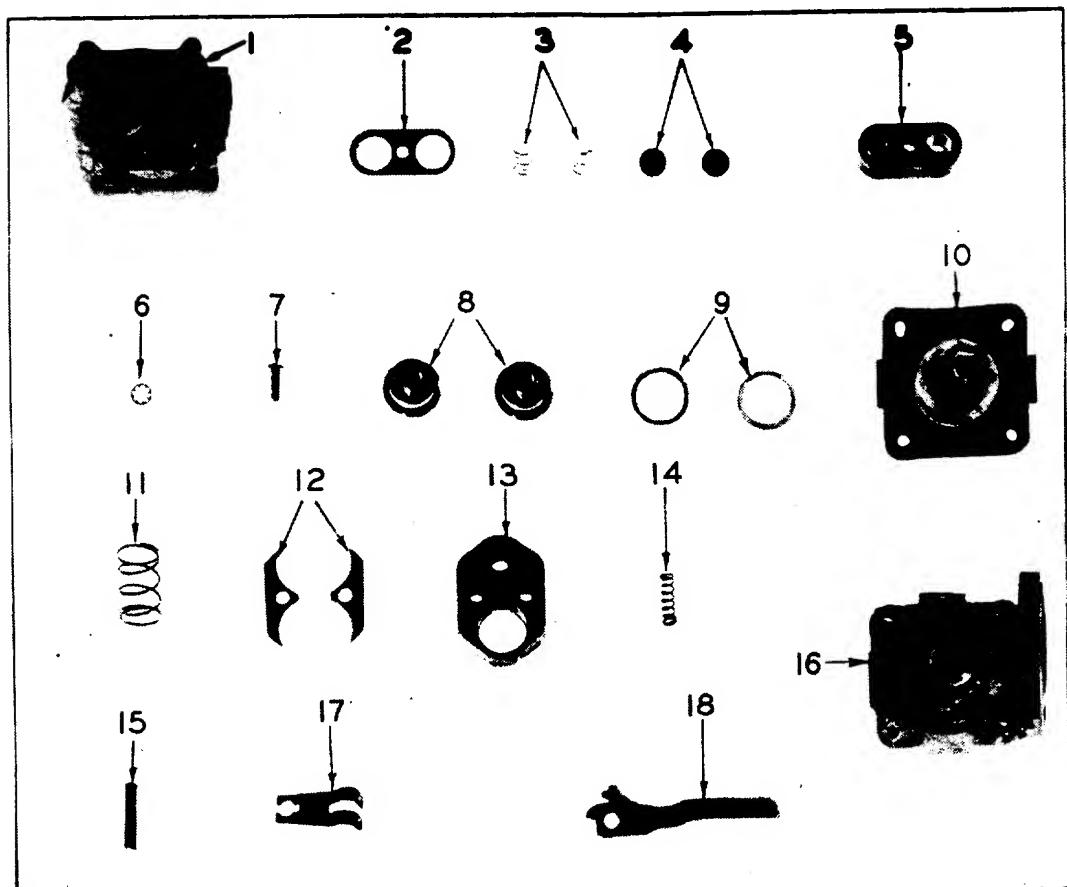


FIG. 9 - FUEL PUMP GROUP

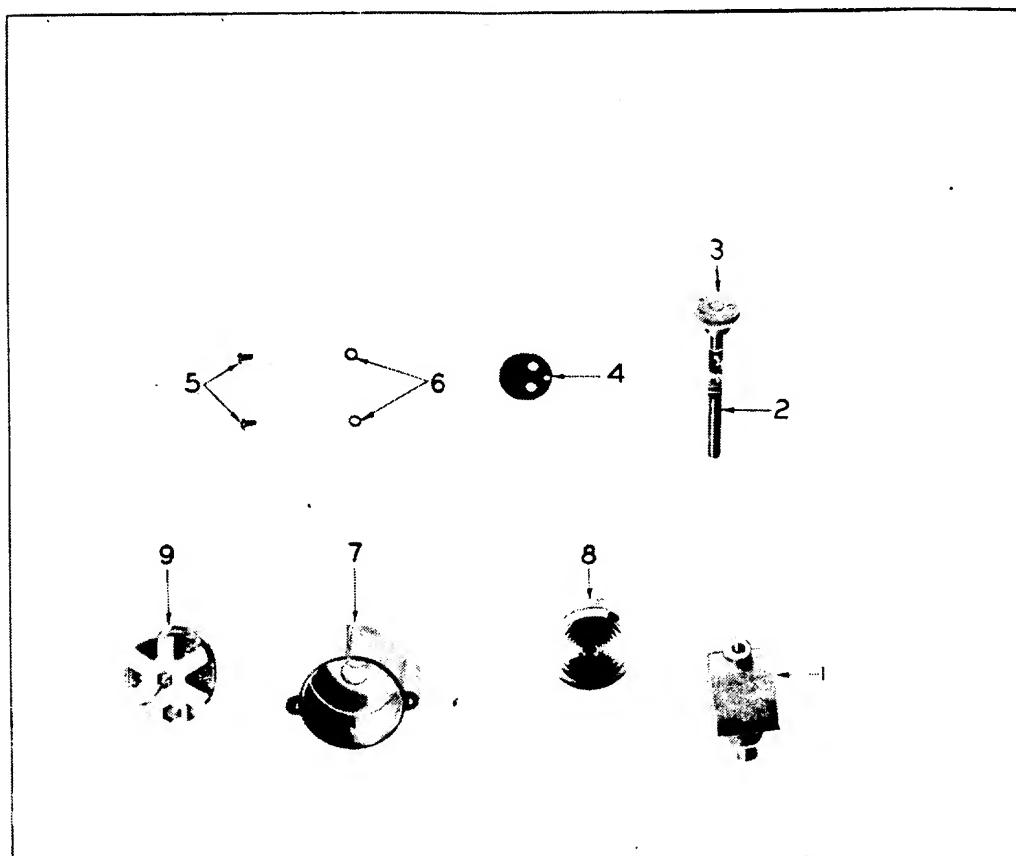


FIG. 10 - ELECTRIC CHOKE GROUP

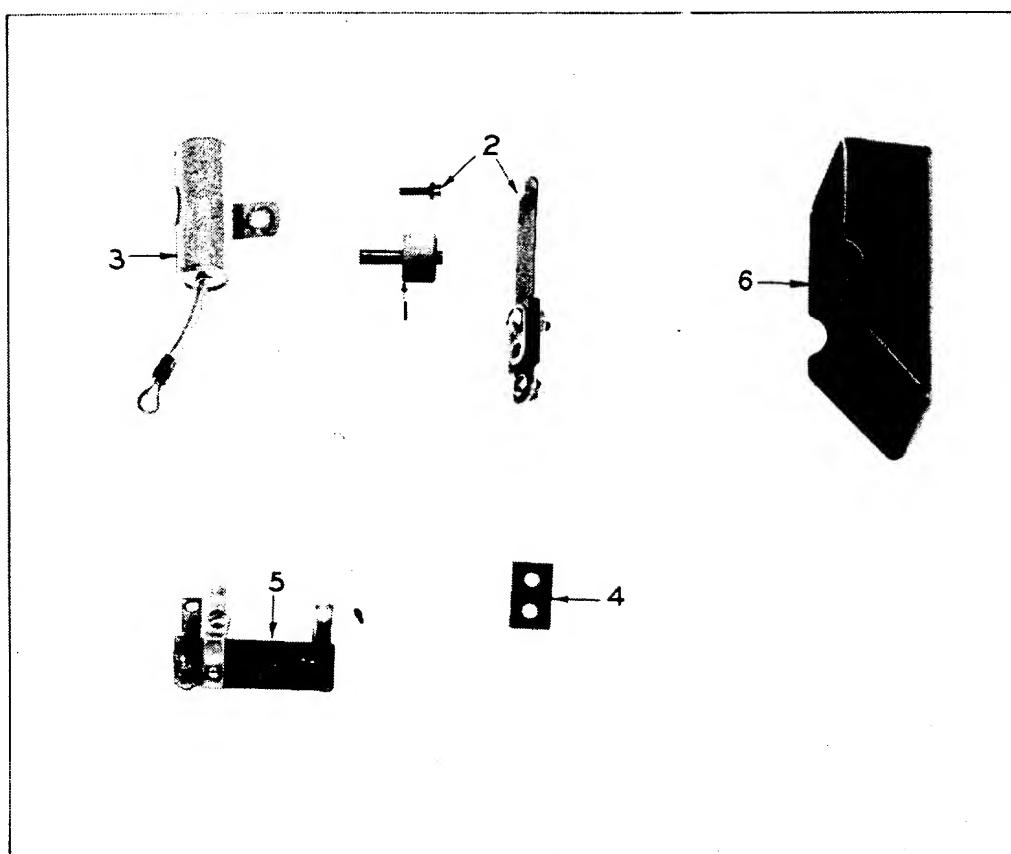


FIG. 11 - ANTI-FLICKER GROUP

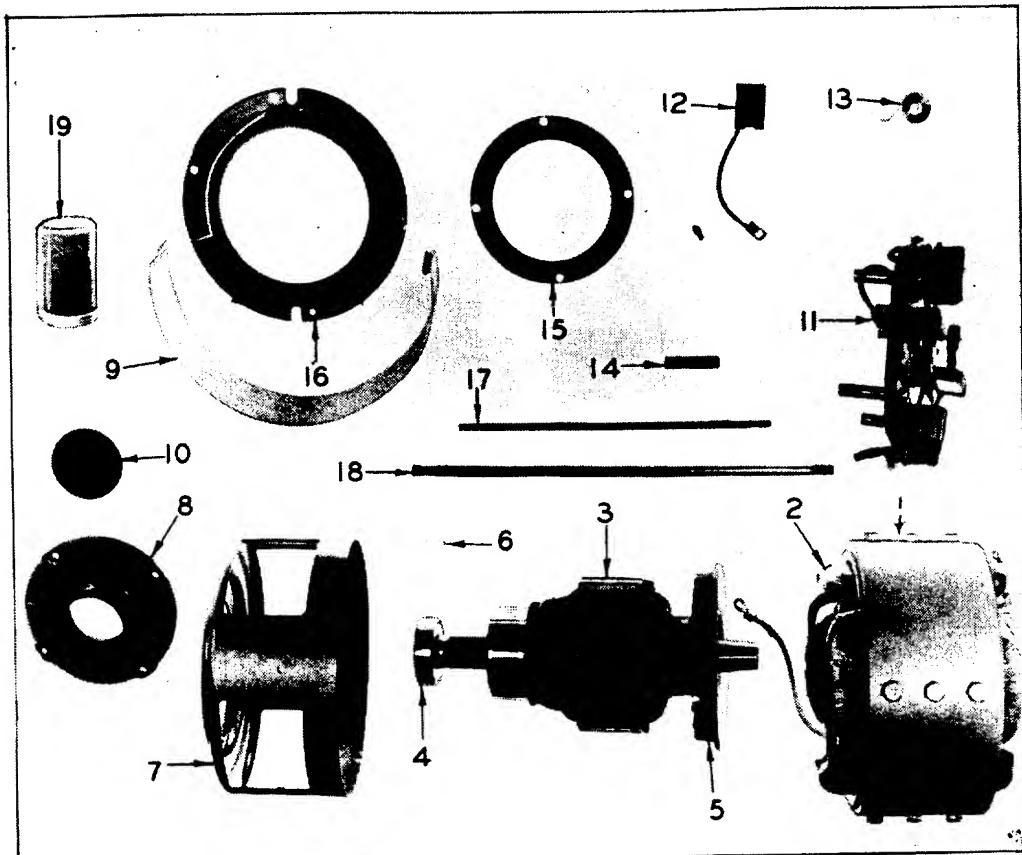


FIG. 12 - GENERATOR GROUP (With Bearing)

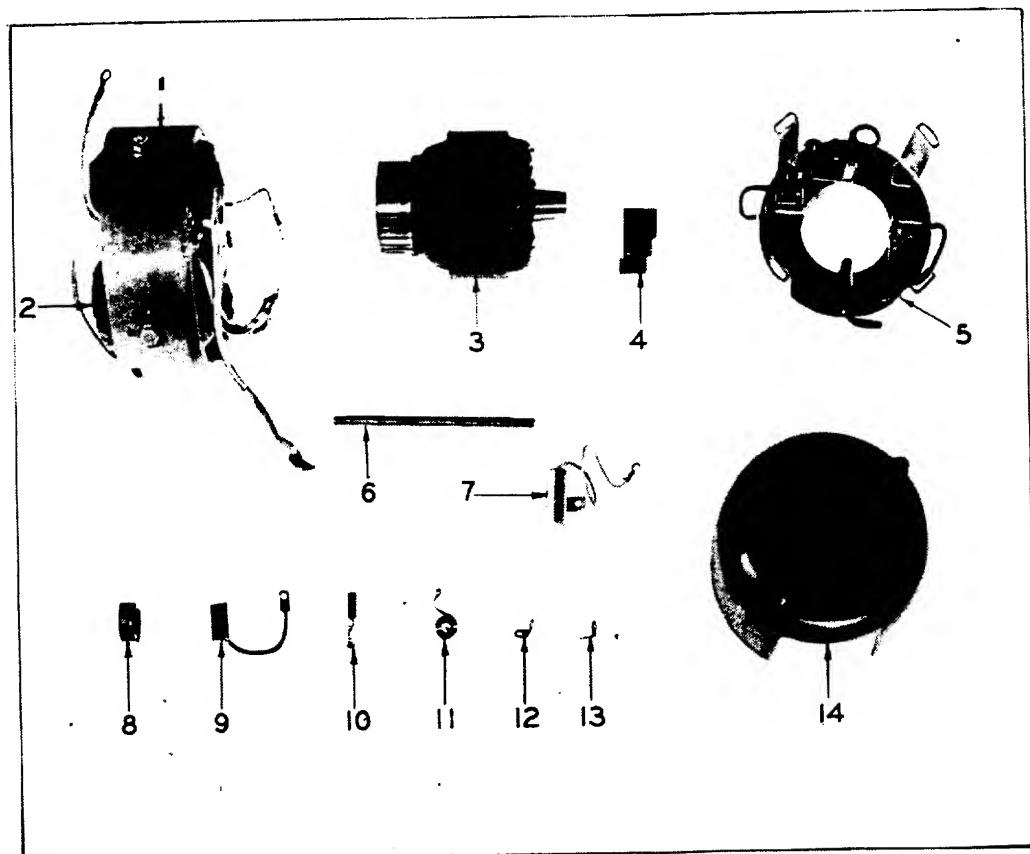


FIG. 13 - GENERATOR GROUP (Without Bearing)

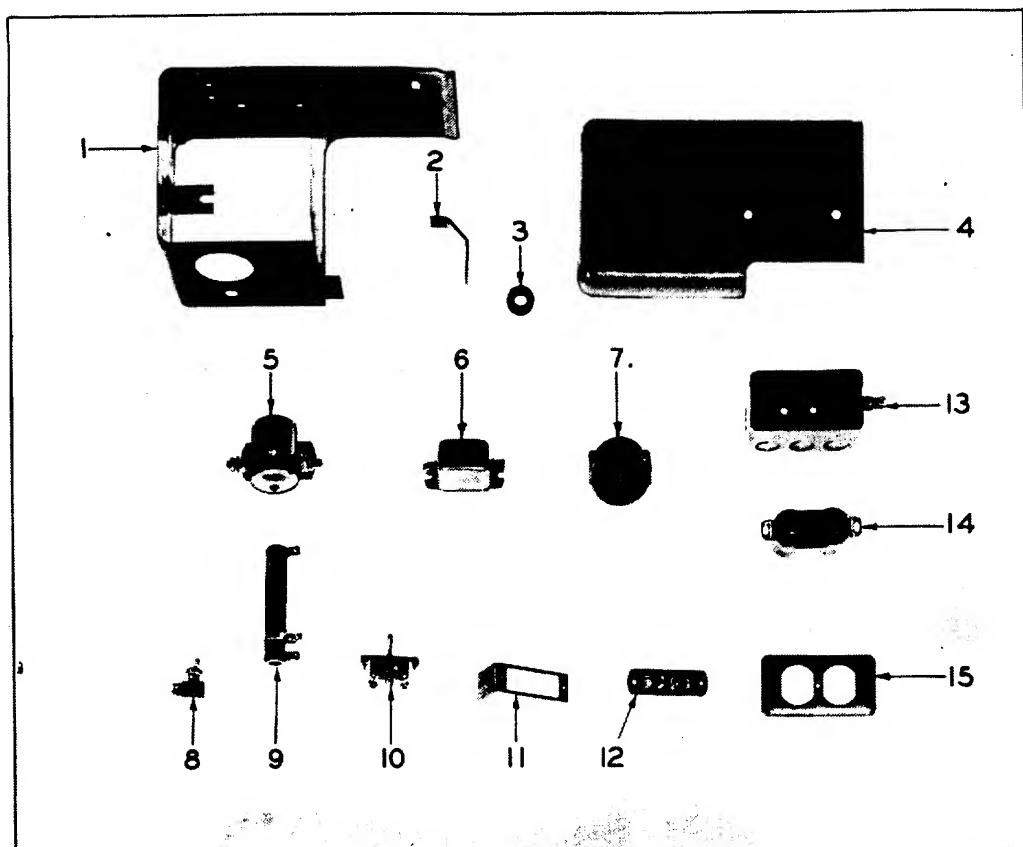


FIG. 14 - CONTROL GROUP

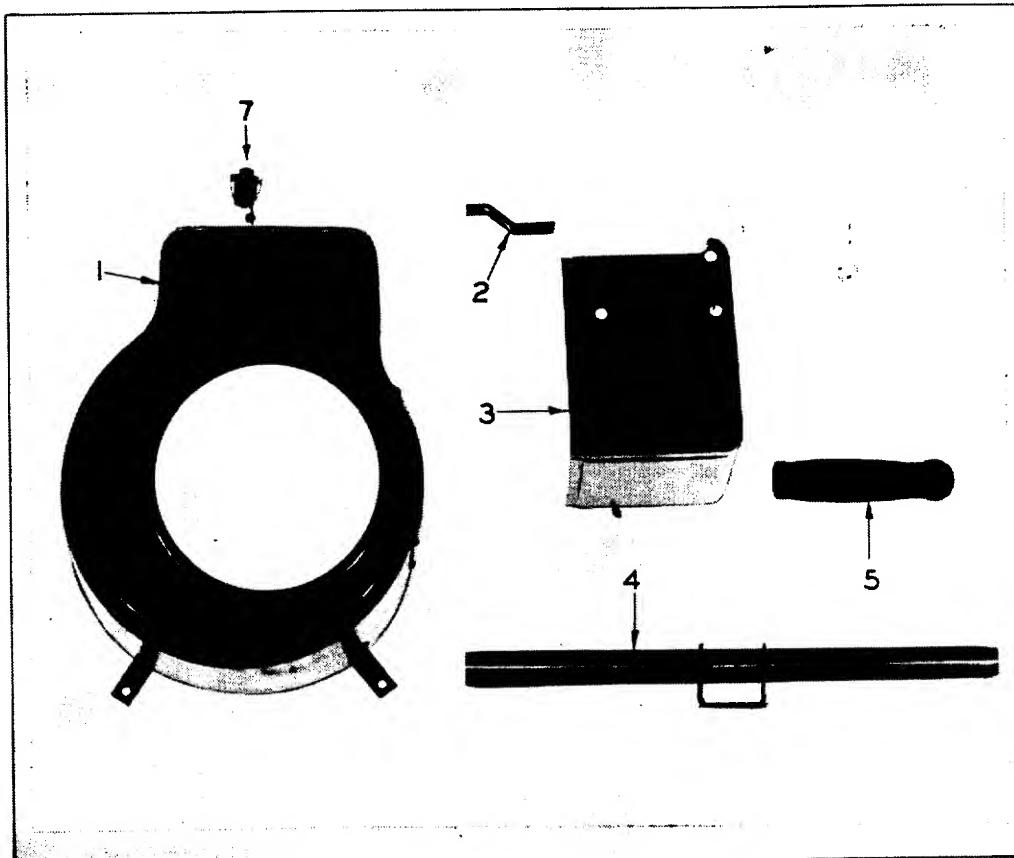


FIG. 15 - AIR HOUSING GROUP

PARTS LIST

REF. PART NO.	DESCRIPTION	QUAN. USED				PRICE / EACH
		A	B	C	D	
1 110K871	Kit, Cyl. Block - Includes parts indented below - Prior to Spec M	1	1	1	1	46.00
1 110K727	Kit, Cyl. Block - Includes parts indented below - Begin W/Spec M	1	1	1	1	**
1 110K669	Kit, Cyl. Block - Includes parts indented below - Prior to Spec M	1	1	1	1	47.50
1 110K725	Kit, Cyl. Block - Includes parts indented below - Begin W/Spec M	1	1	1	1	**
2 517-18	Plug, Camshaft Rear Bearing Opening	1	1	1	1	.15
3 110A441	Guide, Valve	2	2	2	2	.50
4 110A68	Gasket, Valve Guide	2	2	2	2	.15
5 110A317	Insert, Exhaust Valve Seat (Not Shown)	1	1	1	1	2.00
5 101K114	Gasket Kit, Generator Adapter to Engine (1 ea. .006", .015")	1	1	1	1	.15
6 520A79	Stud, Cylinder Head - 5/16 x 1-3/4"	4	4	4	4	.20
6 520A106	Stud, Cylinder Head - 5/16 x 1-13/16"	2	2	2	2	.20
6 520A78	Stud, Cylinder Head - 5/16 x 1-15/16"	1	1	1	1	.20
6 520A114	Stud, Generator Adapter - 5/16 x 1-5/16"	5	5	5	5	.20
7 520A114	Stud, Generator Adapter - 5/16 x 1-5/16"	2	2	2	2	.20
9 520A115	Stud, Gear Cover - 5/16 x 2-1/8"	2	2	2	2	.20
10 520A367	Stud, Gear Cover 5/16 x 2-3/4"	1	1	1	1	.20
10 520A123	Stud, Valve Box Cover (Not Shown) 1/4 x 2-3/8"	2	2	2	2	**
11 520A363	Stud, Carburetor Mounting - 1/4 x 1-9/16"	2	2	2	2	**
12 123A135	Tube, Valve Compartment Drain	1	1	1	1	.15
13 101A49	Bearing, Crankshaft	2	2	2	2	.75
14 101B148	Adapter, Generator to Engine - Includes 1 Bearing #101A44	1	1	1	1	**
14 101B189	Adapter, Generator to Engine - Includes 1 Bearing #101A44	2	2	2	2	12.50
15 101A44	Bearing, Crankshaft - Front or Rear	2	2	2	2	1.75
15 516A62	Pin, Bearing Stop (Not Shown) 3/16 x 7/16"	1	1	1	1	.15
16 509-1	Seal, Oil - Crankshaft Rear	1	1	1	1	1.20
17 102D119	Base, Oil (3 U.S. Pint Capacity)	1	1	1	1	5.00
17 102C142	Base, Oil (2 U.S. Quart Capacity) - Mts. W/ 3/8-16 x 2" Screws - Prior to Spec M	1	1	1	1	6.00
17 102D118	Base, Oil (2 U.S. Quart Capacity) - Mts. W/ 3/8-16 x 1-3/4" Screws - Begin W/Spec M	1	1	1	1	**
18 102B18	Gasket, Oil Base	1	1	1	1	.30

WHEN ORDERING PARTS BE SURE TO INCLUDE MODEL AND SERIAL NUMBER OF UNIT!

PARTS LIST

19	402A44	Cushion, Rubber Mounting - Upper	.20
20	402A45	Cushion, Rubber Mounting - Lower	.20
21	402A48	Bushing, Cushion Spacing	**
22	505-76	Nipple, Pipe - 3/8 x 3" - Oil Drain	.25
22	505-28	Coupling, Pipe - 3/8" - Oil Drain	4.09
23	110C379	Head, Cylinder	.75
24	110A159	Gasket, Cylinder Head	.1
25	110A254	Nut, Cylinder Head - Long - 5/16-24	.15
	516A12	Pin, Dowel - Gear Cover Alignment	.15
	110A445	Nut, Hex - 5/16-24 - Hardened - (5) Gen. Adapter, (4) Gear Cover	.15

FIG. 2 - VALVE AND BREATHER GROUP

1	110A150	Valve, Intake	.90
2	110A469	Valve, Exhaust	3.50
3	110A310	Spring, Valve	.25
4	110A6	Retainer, Valve Spring	.20
5	110A8	Lock, Valve Spring Retainer	.15
6	115A6	Tappet, Valve	1.00
7	110A318	Cover, Valve Compartment - Prior to Spec M	.40
7	110A692	Cover, Valve Compartment - With Provision For Breather Valve - Begin Spec M	**
8	110A152	Gasket, Valve Compartment Cover	**
	123A384	Valve, Breather - Begin with Spec M	.16
	603A194	Hose, Breather - 5/16 I.D. x 4-5/16" (Cut to 3-3/8" for plants less electric choke)	**

FIG. 3 - GEAR COVER GROUP

1	103C88	Cover Assy., Gear - Inc. Parts "a." - Begin W/#427603	14.00
2	150K337	a. Cover, Gear - Use 103C88	1
4		a. Kit Arm & Shaft - For Replacement Prior to #427603, (Incl. parts marked *)	1
4	150A334	a. * Arm & Shaft, Begin #427603	1
		** Price furnished upon request.	1.25

PARTS LIST

REF. PART NO.	DESCRIPTION	QUAN. USED				PRICE EACH
		A	B	C	D	
5 150A177	a. Stud, Governor Sensitivity Adjusting	1	1	1	1	** .50
6 150A80	a. Yoke, Governor Shaft - prior to Serial #427603	1	1	1	1	.75
6 150A236	a. *Yoke, Governor Shaft - Begin W/Serial #427603	1	1	1	1	.15
7 150A76	a. Spring, Yoke - Prior to Serial #427603	1	1	1	1	.15
7 150A233	a. *Spring, Yoke - Begin W/Serial #427603	1	1	1	1	.15
8 870-123	a. Nut, Yoke Spring - Prior to Serial #427603 - (Same as 518-27)	1	1	1	1	.15
8 516-36	a. *Pin, Cotter - 1/16" x 3/8"	1	1	1	1	.15
9 509-8	a. *Seal, Oil - Governor Shaft	1	1	1	1	.60
10 510-8	a. Bearing, Governor Shaft Lower	1	1	1	1	.80
11 610-13	a. Bearing, Governor Shaft Upper	1	1	1	1	.65
12 610-14	a. Ball, Governor Shaft Thrust	1	1	1	1	.15
13 150A156	a. Bracket, Governor Spring	1	1	1	1	.20
14 509-12	a. Seal, Oil - Crankshaft Front	1	1	1	1	.85
15 150A98	Spring, Governor	1	1	1	1	.15
16 150A96	Stud, Governor Spring Tension	1	1	1	1	.20
17 150A89	Nut, Governor Adjusting	1	1	1	1	.20
18	Not Used on AC Plants					
19 150A198	Cover, Governor Spring	1	1	1	1	.40
20 103B13	Gasket, Gear Cover	1	1	1	1	.30
21 150A224	Link, Governor Arm	1	1	1	1	.40
23 150A300	Joint, Ball	1	1	1	1	1.00

FIG. 3 - GEAR COVER GROUP (CONT.)

1 104C56	Crankshaft	1	1	1	1	11.00
2 104A50	Washer, Crankshaft Gear	1	1	1	1	.35
3 518-12	Ring, Lock - Crankshaft Gear	1	1	1	1	.15
4 105-71	Gear Set, Timing - Crankshaft and Camshaft	1	1	1	1	7.00
5 106-78	Camshaft and Pin Assembly	1	1	1	1	6.75
6 150B105	Cup Assembly, Governor - Includes Pin #516-71	1	1	1	1	2.00

FIG. 4 - CRANKSHAFT AND CAMSHAFT GROUP

WHEN ORDERING PARTS BE SURE TO INCLUDE MODEL AND SERIAL NUMBER OF UNIT!

PARTS LIST

13

7	150A77	Plate, Governor Ball	.15
8	150B85	Spacer, Governor Ball	.25
9	516-71	Pin, Governor Cup	**
10	515-1	Key, Gear	.15
11	150A78	Ring, Lock - Camshaft Center Pin	.15
12	105A4	Washer, Camshaft Thrust	.15
13	510-15	Ball, Governor Fly	.15
	150A75	Pin, Governor Center	.20

FIG. 5 - PISTON AND CONNECTING ROD GROUP

1	112-43	Piston and Pin Assembly - Standard	.75
1	112-43	*Piston and Pin Assembly - .005", .010", .020", .030" Oversize	4.25
2	112A20	*Pin, Piston - Standard - Available in .002" Oversize	.75
3	112A13	Ring, Piston Pin Retaining	.15
4	113-12	*Ring Set, Standard - Avail. in .010", .020", .030" Oversize	1.15
5	113A9	*Ring, Piston Compr. - Standard - Avail. in .010", .020", .030" O. S.	.40
6	113A10	*Ring, Piston Oil - Standard - Available in .010", .020", .030" O. S.	.50
7	114B17	Rod, Connecting - Std. - Available in .020" Undersize	.75
8	114A24	Dipper, Oil	.25
	114A23	Screw, Hex. Hd. Cap - 1/4-20 x 1-1/4 - Connecting Rod	.15

* Specify Size when ordering.

FIG. 6 - MAGNETO GROUP

1	160C47	Flywheel, Magneto	16.50
	160A233	Sheave, Rope	.75
2	526-17	Washer, Flywheel	.15
3	515A113	Key, Flywheel	.15
4	160B305	Backplate Assy., Magneto - Includes Parts a. (Replaces 160C172, 160C11)	10.00
5	160A133	a. Backplate, Magneto	1.25
6	160A368	a. Poleshoe, Magneto - Requires square hole type coil	**
7	160B155	a. Coil, Magneto - With square hole (Replaces earlier style W/ rd. hole)	4.00
8	160-174	a. Point Set, Magneto Breaker	1.25
9	160A140	a. Stud, Breaker Arm	.20

** Price furnished upon request.

PARTS LIST

REF. PART NO.	PART NO.	DESCRIPTION	QUAN. USED				PRICE EACH
			A	B	C	D	
FIG. 6 - MAGNETO GROUP (CONT.)							
10	160A139	a. Spring, Breaker Arm	1	1	1	1	.15
11	160A289	a. Bracket, Stationary Point - Includes Wick	1	1	1	1	.15
12	166A110	a. Bracket, Spring	1	1	1	1	.15
13	336A8	a. Lead, Stop	1	1	1	1	**
14	312A1	a. Condenser	1	1	1	1	
15	167A1200	a. Lead, Hi-Tension - Spark Plug (Replaces 167A1087)	1	1	1	1	.90
16	160A144	a. Jumper Strip, Condenser	1	1	1	1	1.20
17	160A137	a. Washer, Point Insulating	1	1	1	1	.15
	160A270	a. Wick, Oil	2	2	2	2	.15
18	167-28	Spark Plug	1	1	1	1	.15
19	167A67	Shield, Spark Plug	1	1	1	1	.85
20	192-23	Rope - Manual Starting - #7 x 44"	1	1	1	1	.75
	192-17	Handle, Starting Rope	1	1	1	1	.60
	336A528	Lead - Stop	1	1	1	1	.15
518-49		Screw, #8-32 x 1/4" - SEMS SD 3061 - Condenser Mtg.	1	1	1	1	**
			1	1	1	1	
FIG. 7 - FUEL SYSTEM GROUP							
1	141B410	Carburetor	1	1	1	1	9.85
1	141B411	Carburetor	1	1	1	1	9.85
2	140A152	Cleaner, Air - Prior to Spec M	1	1	1	1	1.50
2	140A289	Cleaner, Air - With provision for breather hose - Begin W/Spec M	1	1	1	1	**
3	145A69	Gasket, Air Cleaner and Choke to Carburetor - Lead	1	2	2	2	
3	145A64	Gasket, Air Cleaner to Carburetor	1	1	1	1	
4	145A62	Gasket, Carburetor Flange - 3/8" thk.	1	1	1	1	.15
5	145A63	Gasket, Carburetor Flange - 1/16" thk.	1	1	1	1	.30
6	145A65	Shield, Carburetor Heat	1	1	1	1	.15
7	505-51	Pipe - 3/4" - Exhaust	1	1	1	1	**
8	149C81	Pump, Fuel - Interchangeable with 149C201	1	1	1	1	.60
			1	1	1	1	6.00

WHEN ORDERING PARTS BE SURE TO INCLUDE MODEL AND SERIAL NUMBER OF UNIT!

PARTS LIST

FIG. 8 - CARBURETOR GROUP

141B410	Carburetor Assembly	9.85
141B411	Carburetor Assembly	9.85
141-413	Body, Throttle (Not Sold Separately)	
141-424	Body, Throttle (Not Sold Separately)	
141-386	Shaft, Throttle	
141-383	Plate, Throttle	
141-414	*Screw and Washer, Throttle Plate	
141-394	Spacer, Throttle Stop Lever	
141-382	Lever, Throttle Stop	

*** Price furnished upon request.

PARTS LIST

REF. PART NO.	DESCRIPTION	QUAN. USED				PRICE EACH
		A	B	C	D	
7	Screw, Throttle Stop Lever	1	1	1	1	.15
8	141-380 Nut, Throttle Shaft	1	1	1	1	.15
9	141-381 Lockwasher, Throttle Shaft Nut	1	1	1	1	**
10	141-398 Shaft, Choke	1	1	1	1	.90
11	141-399 Plate, Choke	1	1	1	1	.30
12	141-414 *Screw and Washer, Choke Plate	1	1	1	1	**
13	141-379 *Needle, Idle Adjusting	1	1	1	1	.45
14	141-384 Spring, Idle Needle	1	1	1	1	.15
15	141-387 **Gasket, Bowl to Body	3	3	3	3	.15
16	141-415 *Screw and Washer, Body	1	1	1	1	**
17	141-393 Bowl, Fuel - Not Sold Separately	1	1	1	1	.70
18	141-133 Float	1	1	1	1	.35
19	141-388 *Lever, Float	1	1	1	1	.15
20	141-390 *Axle, Float	2	2	2	2	.15
21	141-425 *Plug, Axle Retaining	1	1	1	1	.70
22	141-416 *Needle, Main Adjusting	1	1	1	1	.15
23	141-200 Spring, Main Adjusting Needle	1	1	1	1	.25
24	141A43 Plug, Main Jet Passage	1	1	1	1	.15
25	141-71 ***Washer, Main Jet Plug	1	1	1	1	**
26	141-418 Jet, Main	1	1	1	1	1.10
27	141-419 ***Washer, Main Jet	1	1	1	1	.15
28	141-420 *Valve, Fuel Inlet	1	1	1	1	.20
29	141-144 ***Washer, Fuel Inlet Valve	1	1	1	1	4.00
	141K422 Kit, Gasket - Contains Parts Marked ***					
	141K423 Kit, Repair - Contains Parts Marked * and ***					

WHEN ORDERING PARTS BE SURE TO INCLUDE MODEL AND SERIAL NUMBER OF UNIT!

PARTS LIST

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FIG. 9 - FUEL PUMP GROUP

149C81	Pump, Fuel - (Blaking Mfr.)	6.00
149C201	Pump, Fuel - (AC Mfr.)	6.00
	Body, Upper - NOT Sold Separately	
2	*Gasket, Valve Retainer - AC Pump	**
3	*Spring, Valve - AC Pump	***
4	*Valve, Fibre - AC Pump	***
5	Retainer, Valve - AC Pump	**
6	149-240 Washer, Valve Retainer Screw	1.00
7	149-241 Screw, Valve Retainer - AC Pump	.15
7	814-62 Screw, Valve Retainer - Blaking Pump	
8	*Valve Assembly - Blaking Pump	
9	*Gasket, Valve - Blaking Pump	
10	149A97 ***Diaphragm Assembly	
11	149A93 ***Spring, Diaphragm	
12	*Gasket, Valve Retainer - Blaking Pump	
13	149A84 Retainer, Valve - Blaking Pump	
14	149A94 ***Spring, Rocker Arm	
15	516A25 Pin, Rocker Arm	
16	Body, Lower - Not Sold Separately	
17	Link, Rocker Arm	
18	149A86 Arm, Rocker	
19	149K74 Kit, Fuel Pump Repair - includes parts marked * and ***	
	* Parts available only in repair kit.	
	*** Parts available separately, included in repair kit.	
		**
1	141A374 Adapter, Choke	1.00
2	141A371 Shaft, Choke	.50
3	141A372 Knob, Choke Shaft	.15
4	141A373 Valve, Choke	
5	141-68 Screw, Choke Valve	.15
6	141-69 Lockwasher, Valve Screw	.15
7	153A58 Bracket, Choke Bimetal Element	.60
8	153A17 Element, Choke Bimetal	.75
9	153A113 Cover Assembly, Choke - Includes Heat Element	1.50

10 - ELECTRIC CHOCIE GROUP

	**	
1	1.00	
1	.50	
1	.15	
1	.15	
1	.15	
1	.15	
1	.15	
1	.15	
1	.15	
1	.60	
1	.75	
1	1.50	
1		Adapter, Choke
2		Shaft, Choke
3		Knob, Choke Shaft
4		Valve, Choke
5		Screw, Choke Valve
6		Lockwasher, Valve Screw
7		Bracket, Choke Bimetal Element
8		Element, Choke Bimetal
9		Cover Assembly, Choke - Includes Heat Element

*** Price furnished upon request.

PARTS LIST

REF. PART NO. NO.	DESCRIPTION	QUAN. USED				PRICE EACH
		A	B	C	D	
FIG. 11 - ANTI-FLICKER GROUP						
1	160A269 Plunger, Breaker	1	1	1	1	.35
2	160A175 Point Set, Contact	1	1	1	1	1.25
3	312A19 Condenser	1	1	1	1	1.00
4	166A41 Insulator, Breaker Arm	2	2	2	2	.15
5	304-253 Resistor - Fixed - Mtd. in Generator Adapter - 1/2 Ohm, 3/4 x 2" (Replaces 304A163 or 304-132, 1 Ohm, Adj.)	1	1	1	1	**
5	304P12 Resistor - Adjustable - Mtd. on Brush Rlg - 1.5 Ohm, 3/4 x 2"	1	1	1	1	1.75
6	166A25 Cover, Contact Points	1	1	1	1	1.25
	Diaphragm, Plunger	1	1	1	1	.25
	Stud, Contact Point Cover	1	1	1	1	.15
	Washer, Centering - for Mtg. 3/4" Resistor	2	2	2	2	.15

FIG. 12 - GENERATOR GROUP (500 and 700 WATT AC)

1	210A1249	Frame Assy., - Includes Coils and Pole Shoes - 50 and 60 Cycle, 115 and 230 Volt Plants	1	1	**	
1	210A1236	Frame Assy. - Includes Coils and Pole Shoes - 50 and 60 Cycle, 115 and 230 Volt Plants	1	1	**	
2	222A1222	Coil Assy., Field - Set of 4 Coils - 50 and 60 Cycle, 115 and 230 Volt Plants	1	1	**	
2	222A1208	Coil Assy., Field - Set of 4 Coils - 50 and 60 Cycle, 115 and 230 Volt Plants	1	1	**	
3	201A287	Armature Assembly - Incl. Bearing & Blower - 60 Cycle, 115 Volt Only	1	1	62.50	
3	201A304	Armature Assembly - Incl. Bearing & Blower - 60 Cycle, 230 Volt Only	1	1	**	
3	201A317	Armature Assembly - Incl. Bearing & Blower - 50 Cycle, 115 Volt Only	1	1	**	
3	201A315	Armature Assembly - Incl. Bearing & Blower - 50 Cycle, 230 Volt Only	1	1	**	
4	510A1	Bearing, Armature	1	1	3.75	
5	205B16	Blower, Generator - Mtd. by 2 screws - Used on Early Spec M & before, plants	1	1	**	
5	205B29	Blower, Generator - Mtd. by press fit on shaft - Used beginning with Late Spec M plants. Also on replacement Armatures for Earlier Plants.	1	1	**	
6	232A316	Clip, Bearing Stop - Slot on Bearing is not required	1	1	.15	
6	232A596	Clip, Bearing Stop - Requires Slot on Bearing	1	1	**	

WHEN ORDERING PARTS BE SURE TO INCLUDE MODEL AND SERIAL NUMBER OF UNIT!

PARTS LIST

FIG. 13 - GENERATOR GROUP (300 & 400 WATT AC)

1	210A1298	Frame Assy. - Includes Coils and Pole Shoes	1
1	210A1302	Frame Assy. - Includes Coils and Pole Shoes	1
2	222A1248	Coil Assembly - Field - Set of 4 Coils	1
2	222A1252	Coil Assembly - Field - Set of 4 Coils	1
3	201A422	Armature Assembly - 60 Cycle, 115 Volt Only	1
3	201A423	Armature Assembly - 60 Cycle, 230 Volt Only	1
3	201A430	Armature Assembly - 50 Cycle, 115 Volt Only	1
3	201A437	Armature Assembly - 50 Cycle, 230 Volt Only	1
4	212A1041	Block, Collector Ring Brush Guide	.85
5	212C61	Rig Assembly, Brush - Incl. Brushes and Springs	11.50
6	520A385	Stud, Armature Through-3/8 x 8-1/8"	.30
7	312A17	Condenser - 0.5 Mid.	.90
7	312A15	Condenser - 0.1 Mid.	.90
8	232A432	Washer, Generator Frame Clamp	2
9	214A41	Brush, Commutator	4
10	214A21	Brush and Spring, Collector Ring	2

* Price furnished upon request.

PARTS LIST

REF. PART NO.	DESCRIPTION	QUAN.	USED	PRICE EACH	
		A	B	C	D
11	Spring, Commutator Brush	4		25	
12	Clip, Collector Ring Brush and Spring Retainer	1	1	.15	
13	Clip, Collector Ring Brush and Spring Retainer	1	1	**	
14	Bell, End	1	1	4.00	
211C41		1	1	**	
221A75	Shoe, Pole	4			

FIG. 13 - GENERATOR GROUP (CONT.)

FIG. 14 - CONTROL GROUP

1	301C721	Box, Control - Use Begin W/Spec "L" Models	1	1	1
1	301C387	Box, Control - Use Prior Spec. "L"	1	1	1
2	301A521	Bracket, Control Box	1	1	1
3	508-8	Grommet	1	1	1
4	301B388	Cover, Control Box	1	1	1
5	307B40	Switch, Start Solenoid	1	1	1
6	307B180	Relay, Reverse Current	1	1	1
7	302-58	Anmmeter, Charge	1	1	1
8	308-2	Switch, Hi-Lo Charge Rate	1	1	1
9	304-51	Resistor, 1.5 Ohm Adj. (3/4" x 4") Use Prior to Spec. "L"	1	1	1
9	304-16	Resistor, 2.5 Ohm Adj. (3/4" x 4") Use Begin Spec L	1	1	1
10	308-26	Switch, Start and Stop	1	1	1
11	332A198	Bracket, Terminal Block	1	1	1
12	332-222	Block, Terminal	1	1	1
13	301A528	Box, Outlet	1	1	1
14	323-48	Receptacle, Duplex	1	1	1
15	330-16	Cover, Outlet Box	1	1	1
	416-77	Cable, Battery	2	2	2
	1741	Cable, 3 Conductor - Remote Control Switch - per ft.	As Req.	1	.035
	308-40	Switch, Remote Start - Stop -W/Cover Plate	1	1	1.25
	416A4	Cable, Battery Jumper	1	1	1.25

WHEN ORDERING PARTS BE SURE TO INCLUDE MODEL AND SERIAL NUMBER OF UNIT!

PARTS LIST

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FIGURE 16 - AIR HOUSING GROUP

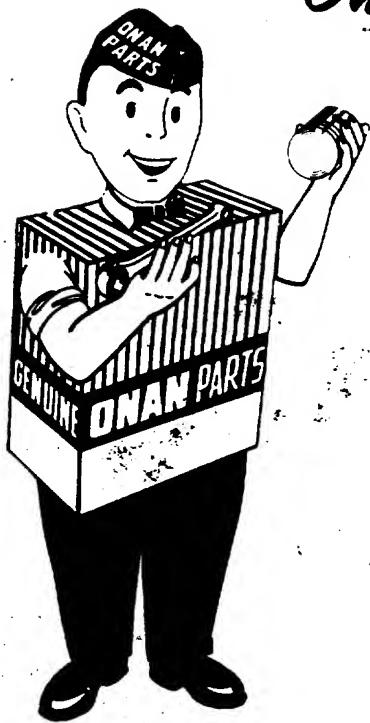
1	134C261	Housing, Blower	(See SECOND listing for models WITH generator bearing).
1	134C261	Housing, Blower	W/Beelin W/spec.
1	134C147	Housing, Blower	Prior to Spec. 134
2	134A83	Bracket, Blower Housing	
3	134B257	Housing Assy., Cylinder Air	
3	134B144	Housing Assy., Cylinder Air	
4	403A234	Handle, Carrying W/Bracket - Less Grips	
5	403-108	Grip, Carrying Handle	
7	313-18	Button, Stop	
	403C169	Handle, Carrying	

SERVICE KITS & MISCELLANEOUS

168K38	Gasket Kit	3.15
149K74	Fuel Pump Repair Kit	1.85
141K422	Kit, Carburetor Gasket	.20
141K423	Kit, Carburetor Repair Parts	4.00
417-53	Wrench, Breaker Point	.15
416-89	Hydrometer, Battery	.75
155A293	Plate, Wall - Exhaust	

* Price furnished upon request.

Onan PARTS PETE says. . .



GENUINE ONAN PARTS will simplify your maintenance and service and will insure your Onan Plant operating at its peak efficiency.

• • •
See the dealer from whom you purchased your plant or go to an Onan Authorized Service Station or Parts Center. They will see that you receive the correct parts and will provide any service information you may need.

• • •
If you are operating your plant at a point where it is not convenient to secure very good delivery on parts, or your plant is receiving hard continuous service, your best insurance is to have a complete overhaul kit on hand.

• • •
Many times an added accessory will enable you to put your plant to greater or more complete service. Batteries, switches, controls, dollies or trailers are available for many Onan Plants.

• • •
Remember that the Onan Line is complete in the capacity range of 400 to 35,000 watts in gasoline; 3,000 to 65,000 watts in diesel; 1500 to 35,000 watts in separate generators, and 3,000 to 10,000 in tractor generators. These units are available in standard voltages of A. C., D. C. and battery charging current.

• • •
Onan Generating Equipment is designed for primary, portable, mobile or standby service. Where there is no other source of electricity it supplies primary power. It supplies portable or mobile power for fire and police departments, construction or radio use. For hospitals, hatcheries, industries or home there is no finer source of standby power. See your dealer for any of these needs.